

IN THE CLAIMS:

Please amend the following claims.

1. (Amended) A portable object of smartcard type , comprises:  
a micro controller comprising a part to carry out data processing;  
a contact stud to supply the said microcontroller with a current;  
a data input and/or output contact stud;  
confidential information;

wherein said portable object further comprises:

an interface circuit through which the part to carry out data processing receives a supply voltage, the said interface circuit being designed to vary the supply voltage of the part to carry out data processing in order to secure the said confidential data against current attacks.

2. (Amended) The portable object of smartcard type according to claim 1 wherein the interface circuit includes:

a switch between the said contact stud and a supply terminal of the part to carry out data processing;

a capacitor connected between the said supply terminal of the part to carry out data processing of the microcontroller and another supply terminal of the part to carry out data processing.

3. (Amended) The portable object of smartcard type according to claim 2, wherein the interface circuit comprises a pulse generator to control the switch in a desynchronised manner with respect to the said data processing.

4. (Amended) The portable object of smartcard type according to claim 2, wherein the capacitor has a capacitance greater than 1 nanofarad.

5. (Amended) The portable object of smartcard type according to claim 1 wherein the microcontroller comprises a main layer of silicon whose active face, which comprises a

circuit and supports the contact studs, is sealed to an additional protective layer using a sealing layer.

6. (Amended) The portable object of smartcard type according to claim 5, wherein said interface circuit is located in the additional protective layer.

7. (Amended) A microcontroller intended to be incorporated in a portable object of smartcard type, comprises:

- a contact stud to supply the said microcontroller with current;
- a data input and/or output contact stud;
- a part to carry out data processing;
- confidential information;

wherein said microcontroller comprises an interface circuit through which the part to carry out data processing receives a supply voltage, the said interface circuit being designed to vary the supply voltage of the part to carry out data processing in order to secure the said confidential data against current attacks.

#### **REMARKS**

The amendments to the specification and the claims are made to conform to the requirements for patent applications in the United States. No new matter was introduced by such amendments. Favourable consideration of this application is respectfully requested.

Please apply any charges not covered, or any credits, to Deposit Account 50-0591 (Reference Number 09669/019001).